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Attorney Docket No. CH2M.13

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: CONSTANTINE  
SERIAL NO.: 09/976,678  
FILED: OCTOBER 12, 2001  
TITLE: METHOD AND APPARATUS TO  
ACHIEVE YEAR ROUND  
NITRIFICATION AT LOW SOLIDS  
RETENTION TIMES

EXAMINER:  
ART UNIT: 1723  
CONFIRMATION NO.: 1065

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

## INFORMATION DISCLOSURE STATEMENT

Applicant calls the Examiner's attention to the patents and publications listed on the attached Form PTO-1449, copies enclosed, which may be material to examination of the above identified application.

TIME OF TRANSMITTAL

This Information Disclosure Statement is being filed under 37 CFR § 1.97(b). This Statement is filed within at least one of the following time periods:

- (a) within three months of the filing date of a national application (other than a CPA under 37 CFR § 1.53(d));
- (b) within three months of the date of entry of the national stage as set forth in 37 CFR § 1.491 in an international application;
- (c) before the mailing of a first Office Action of the merits; or
- (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR § 1.114.

No fee is believed to be due in this instance. However, the undersigned hereby authorizes the charging of any fees created by the filing of this document to Deposit Account No. 19-5117.

37 CFR 1.8

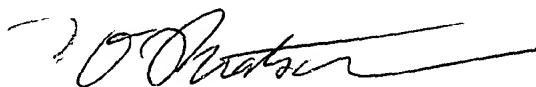
## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, D.C. 20231 on January 16, 2002

Signature: Elizabeth A. McArthur  
Name: Elizabeth A. McArthur

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. This listed patents and publications are believed of interest herein and consideration and citation of as interest by Examiner is respectfully requested.

Respectfully submitted,

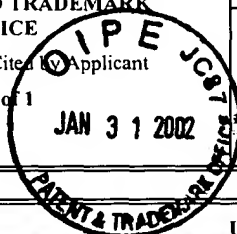


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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE List of Information Cited by Applicant Page 1 of 1	ATTY. DOCKET NO. CH2M.13	SERIAL NO. 09/976,678
	APPLICANT CONSTANTINE	
	FILING DATE OCTOBER 12, 2001	GROUP 1723



U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB-CLS	FILE DATE
	AA	5,811,009	09/22/98	Kos			
	AB						
	AC						
	AD						

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB-CLS	TRANS ?
	AE						
	AF						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AG	Anthonisen <i>et al.</i> (1976) Journal WPCF 48:835-852
	AH	Bidstrup <i>et al.</i> (1988) Journal WPCF 60:351-361
	AI	Biological Wastewater Treatment (Grady, et al. eds., 2d ed. 1999) pp. 208-211, 355, 405, 406.
	AJ	Constantine (1996) Masters Thesis, McMaster University, "Bioaugmentation to Achieve Nitrification in Activated Sludge Systems," p. 3
	AK	Crawford, et al. (2000) Proceedings of the 29th WEAO Conference and Technical Symposium, Hamilton, Ontario.
	AL	Daigger <i>et al.</i> (1993) Water Environment Research 65:750-758
	AM	Kos (1998) Wat. Sci. Tech. Vol. 38:23-29
	AN	Tendaj-Xavier (1983) Dissertation, Royal Technical University, " Biological Treatment of Sludge Water from Centrifugation of Digested Sludge," pp. 15-18
	AO	U.S. Environmental Protection Agency (1993) Process Design Manual for Nitrogen Control EPA/625/R-93/010, p. 131
EXAMINER		
DATE CONSIDERED		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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